

Amendments to th Specification:

- 1) Please replace the subtitle beginning at page 1, line 2, with the following rewritten paragraph:

-- ~~Field of the Invention~~ The present invention relates to a waste liquid treatment apparatus and method for hemodialyzers.--

- 2) Please replace the subtitle beginning at page 1, line 5, with the following rewritten subtitle:

-- ~~Prior Arts- Background~~. --

- 3) Please replace the subtitle beginning at page 2, line 4, with the following rewritten subtitle:

-- ~~Problems Sought for Solution by the Invention~~ Invention.--

- 4) Please delete the subtitle on page 2, line 11 as follows:

-- ~~Means for Solution of the Problems~~.--

- 5) Please replace the subtitle beginning at page 3, line 12, with the following rewritten subtitle:

-- ~~Embodiments of the Invention~~ Detailed Description. --

- 6) Please add the following section to page 3, line 11:

--Brief Description of the Drawings

Fig.1 is a view showing the construction of the waste liquid treatment apparatus for hemodialyzers relating to one embodiment of the present invention.

Fig.2 is a graph representing the opaque degree (OD) exhibiting the propagation of bacteria in a case where AHW was treated with ozone water having various concentrations.

Fig.3 is a graph exhibiting the number of existing bacteria in a case where AHW was treated with ozone water having various concentrations.

Fig.4 is a graph representing the relationship between the ozone concentration and the reduction rate of COD_{Cr} in the ozone water treatment of AHW.

Fig.5 is a graph representing the relationship between the initial ozone concentration and the ozone concentration after two minutes in the ozone water treatment of AHW.

Fig.6 is a graph representing the hourly change of the concentration of ozone dissolved in pure water.

Fig.7 is a graph representing the hourly changes of the ozone concentration in exhaust gas in a case where ultraviolet light was irradiated in the ozone water treatment of AHW and in a case where it was not irradiated.

Fig.8 is a graph representing the hourly changes of COD_{Cr} of waste liquid in a case where ultraviolet light was irradiated in the ozone water treatment of AHW and in a case where it was not irradiated.

Fig.9 is a graph representing the hourly changes of COD_{Mn} of waste liquid in a case where ultraviolet light was irradiated in the ozone water treatment of AHW and in a case where it was not irradiated.

Fig.10 is a graph representing the influence of a hydrogencarbonate salt upon the ozone treatment of dialysis waste liquid.

Fig.11 is a graph representing the hourly changes of COD_{Cr}, COD_{Mn} and pH in the ozone treatment of an aqueous grape sugar solution.

Fig.12 is a graph representing the hourly changes of COD_{Cr}, COD_{Mn} and pH in the ozone treatment of a solution containing grape sugar and a hydrogencarbonate salt.

7) Please delete the subtitle on page 11, line 23 as follows:

-- Effects of the Invention. --

8) Please delete the entire section, titled Brief Description of the Drawings, beginning at page 11, line 29, and ending on page 13 as follows:

-- Brief Description of the Drawings

~~Fig.1 is a view showing the construction of the waste liquid treatment apparatus for hemodialyzers relating to one embodiment of the present invention.~~

~~Fig.2 is a graph representing the opaque degree (OD) exhibiting the propagation of bacteria in a case where AHW was treated with ozone water having various concentrations.~~

~~Fig.3 is a graph exhibiting the number of existing bacteria in a case where AHW was treated with ozone water having various concentrations.~~

~~Fig.4 is a graph representing the relationship between the ozone concentration and the reduction rate of COD_{Cr} in the ozone water treatment of AHW.~~

~~Fig.5 is a graph representing the relationship between the initial ozone concentration and the ozone concentration after two minutes in the ozone water treatment of AHW.~~

~~Fig.6 is a graph representing the hourly change of the concentration of ozone dissolved in pure water.~~

~~Fig.7 is a graph representing the hourly changes of the ozone concentration in exhaust gas in a case where ultraviolet light was irradiated in the ozone water treatment of AHW and in a case where it was not irradiated.~~

Fig.8 is a graph representing the hourly changes of CODCr of waste liquid in a case where ultraviolet light was irradiated in the ozone water treatment of AHW and in a case where it was not irradiated.

Fig.9 is a graph representing the hourly changes of CODMn of waste liquid in a case where ultraviolet light was irradiated in the ozone water treatment of AHW and in a case where it was not irradiated.

Fig.10 is a graph representing the influence of a hydrogencarbonate salt upon the ozone treatment of dialysis waste liquid.

Fig.11 is a graph representing the hourly changes of CODCr, CODMn and pH in the ozone treatment of an aqueous grape sugar solution. And

Fig.12 is a graph representing the hourly changes of CODCr, CODMn and pH in the ozone treatment of a solution containing grape sugar and a hydrogencarbonate salt

9) Please replace the paragraph beginning at page 13, line 4, with the following rewritten paragraph:

-- Description of Reference Numerals

1 - dialysis waste liquid treatment apparatus, 2 - bacteriostatic treatment tank, 3 - transport pipe, 4 - feed water pipe, 5 - ozone gas supply unit, 6 - venturi, 7 - cooler, 8 - ozone water ejection nozzle, 9 - exhaust pipe, 10 - organic substance decomposing treatment tank, 11 - line, 12 - pump, 13 - venturi, 14 - ozone gas supply unit, 15 - ultraviolet lamp, 16 - drainage port, 17 - exhaust gas treatment unit, 20 - dialyzer.

Reference Numerals For The Drawings Are As Follows:

1 - dialysis waste liquid treatment apparatus

2 - bacteriostatic treatment tank

3 - transport pipe

4 - feed water pipe

5 - ozone gas supply unit

6 - venture

7 - cooler

8 - ozone water ejection nozzle

9 - exhaust pipe

10 - organic substance decomposing treatment tank

11 - line

12 - pump

13 - venture

14 - ozone gas supply unit

15 - ultraviolet lamp

16 - drainage port

17 - exhaust gas treatment unit

20 - dialyzer--

10) Please replace both paragraphs on page 16, line 7, in the abstract with the following rewritten paragraph:

--Problems

~~A dialysis waste liquid treatment apparatus is provided, in which the formation of plugs in lines can be restrained and in which COD and BOD of hemodialysis waste liquid can be effectively reduced, without requiring a wide space.~~

Means for Solution

~~A waste liquid treatment apparatus for hemodialyzers, which comprises a transport pipe for transporting dialysis waste liquid produced from a hemodialyzer, a~~

~~bacteriostatic treatment tank for restraining the propagation of bacteria caused by the dialysis waste liquid transported by said transport pipe and an ozone water ejection nozzle for ejecting ozone water into said bacteriostatic treatment tank.~~

A dialysis waste liquid treatment apparatus and method is provided in which the formation of plugs in lines can be restrained and COD and BOD of hemodialysis waste liquid can be effectively reduced, without requiring a wide space, comprising a pipe that transports dialysis waste liquid produced from a hemodialyzer, a bacteriostatic treatment tank that restrains the propagation of bacteria caused by the dialysis waste liquid, and an ozone water ejection nozzle for ejecting ozone water into the bacteriostatic treatment tank. --